Name: _____ Class: _____Due Date: _____

When solving the following problem, be sure to:

1) **Restate the <u>question</u>**
2) **State your <u>answer</u> in a complete sentence.**
3) **<u>List</u> facts and important information**
4) **<u>Explain</u> your solution strategy and include your <u>calculations</u>/work.**

Shelvin's Scores

Shelvin entered a math contest at school. There were 10 problems in the contest. Half of them were worth 3 points if solved correctly and half were worth 5 points if correct. Any problem that was answered incorrectly counted 1 point off.

Each contestant had to answer exactly 5 questions, but they could choose how many of each kind they wanted to try.

Question: If Shelvin got 80% of his questions correct and scored 17 points, how many of each kind of question did he get right?

Bonus : Abe's test was returned to him with a score of 16. He said, "No way!" How could Abe be so certain his score was wrong?

Please answer the problem on a separate piece of paper. You must include all your calculations and an explanation of how you got your answer. Your paper will be scored in the following way:
- 4 The answer and the bonus are correct, you have included all your calculations, and the explanation is thorough and understandable.
- 3 The answer is correct, you have included all your calculations, and the explanation is complete and clear to the reader.
- 2 The answer is missing one of the items mentioned above.
- 1 The answer is incorrect, and the explanation or calculations are poor or missing.
- 0 Minimal or no effort was made to solve the problem.
- All late work is marked down a grade.